

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

#### Listing of the Claims

Claims 1-11 (Canceled).

12. (Currently Amended) An article of manufacture, comprising:

(a) a filter, including:

- i) a housing;
- ii) a filter core disposed within said filter housing consisting essentially of particles selected from the group of activated carbon particles ~~excluding sodium hydroxide treated activated carbon particles~~, and non-carbonaceous particles; and
- iii) wherein said carbon particles have an interparticle spacing wherein the filter has a VRI of at least about 99.99% at a flow rate of 100 mL/min. at 1 hour at an influent concentration of  $5 \times 10^8$  MS-2 bacteriophages per liter; and

(b) information which communicates to a user that the filter may be used to remove nano-sized pathogens from a liquid.

13. (Previously Presented) The article of claim 12, wherein said filter has a VRI of at least about 99.999% at a flow rate of 100 ml/min. at 6 hours at an influent concentration of  $5 \times 10^8$  MS-2 bacteriophages per liter.

14. (Previously Presented) The article of claim 12, wherein said filter has a VRI of at least about 99.9999% at a flow rate of 100 ml/min. at 10 hours at an influent concentration of  $5 \times 10^8$  MS-2 bacteriophages per liter.

15. (Original) The article of Claim 12 wherein the filter comprises activated carbon particles having inter-particle spacings that result in a bulk density of from about 0.6 to 0.8 g/cm<sup>3</sup>.

16. (Original) The article of Claim 12 wherein a mixture of activated carbon particles of different size and/or shape are utilized.

17. (Currently Amended) A filter for removing viruses from water, comprising:  
a filter housing;

a filter core disposed within said filter housing consisting essentially of ~~particles selected from the group comprising~~ of at least some activated carbon particles and at least some non-carbonaceous particles; and

wherein said carbon particles and said non-carbonaceous particles are arranged to have an interparticle spacing, wherein the filter has a VRI of at least about 99.99% at a flow rate of 100 mL/min. at 1 hour at an influent concentration of  $5 \times 10^8$  MS-2 bacteriophages per liter.

18. (Previously Presented) The filter of claim 17, wherein the filter core has a bulk density between about  $0.1 \text{ g/cm}^3$  and about  $1.2 \text{ g/cm}^3$  and the particle size of said carbon particles and said non-carbonaceous particles is between about  $0.1 \text{ }\mu\text{m}$  and about  $5,000 \text{ }\mu\text{m}$ .
19. (Previously Presented) The filter of claim 18, wherein the filter core has a bulk density between about  $0.4 \text{ g/cm}^3$  and about  $1 \text{ g/cm}^3$  and the particle size of said carbon particles and said non-carbonaceous particles is between about  $4 \text{ }\mu\text{m}$  and about  $275 \text{ }\mu\text{m}$ .
20. (Previously Presented) The filter of claim 17, wherein the filter has a VRI of at least about 99.9999% at a flow rate of 100 ml/min at 1 hour at an influent concentration of  $5 \times 10^8$  MS-2 bacteriophages per liter.
21. (Previously Presented) The filter of claim 17, wherein the filter has a VRI of at least about 99.9999% at a flow rate of 100 ml/min at 1 hour at an influent concentration of  $5 \times 10^8$  MS-2 bacteriophages per liter.
22. (Previously Presented) The filter of claim 17, wherein said particles are provided in the form of granules.
23. (Previously Presented) The filter of claim 17, wherein said particles are provided in the form of pellets.
24. (Withdrawn) A method of making a filter for removing viruses from water, comprising:  
providing activated carbon particles;  
compressing said activated carbon particles into a filter core to achieve a predetermined interparticle spacing; and  
wherein the filter has a VRI of at least about 99.99% at a flow rate of 100 ml/min. at 1 hour at an influent concentration of  $5 \times 10^8$  MS-2 bacteriophages per liter.
25. (Withdrawn) The method of claim 24, wherein said activated carbon particles compressed to a bulk density between about  $0.1 \text{ g/cm}^3$  and about  $1.2 \text{ g/cm}^3$ .

Claims 26-31 Canceled.